

## Product datasheet for **TP723081**

### Eotaxin 2 (CCL24) (NM\_002991) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 24 (CCL24).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	WVIPSPCCMF FVSKRIPENR VSYQLSSRS TCLKGGVIFT TKKGQQFCGD PKQEWVQRYM KNLDAKQKKA SPRARAVA
Tag:	Tag Free
Predicted MW:	8.8 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract using human peripheral blood eosinophils using a concentration of 50.0-100.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002982</a>
Locus ID:	6369
UniProt ID:	<a href="#">O00175</a>
RefSeq Size:	360
Cytogenetics:	7q11.23
RefSeq ORF:	357
Synonyms:	Ckb-6; MPIF-2; MPIF2; SCYA24



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**Summary:**

This gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity on resting T lymphocytes, a minimal activity on neutrophils, and is negative on monocytes and activated T lymphocytes. This protein also has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. Finally, the protein is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. [provided by RefSeq, Jul 2020]

**Protein Families:**

Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Product images:**